

Appl No. 10/716,026  
Response Date: 12/05/2005  
Response to Office Action

### **AMENDMENTS TO THE CLAIMS**

1. (currently amended): A method for recording, on one recording medium, a positional information image representing positional information corresponding to at least positions on the recording medium and the other image, using a recording apparatus that applies a recording material onto the recording medium, the method comprising:

the step of obtaining information on recording of the positional information image according to record data for recording the positional information image;

the correction step of correcting record data of said the other image so that a predetermined recording property of said the other image is varied, according to the obtained information; and

the recording step of recording the positional information image and said the other image corrected, by applying a visible recording material on the recording medium.

2. (previously presented): The method according to Claim 1, wherein the predetermined recording property is density, and the density of said the other image is reduced in the correction step.

3. (previously presented): The method according to Claim 1, wherein the information on recording of the positional information image is recording duty in a region where the positional information image is recorded.

4. (previously presented): The method according to Claim 1, wherein in the recording step, the positional information image is recorded with a recording material capable of being detected by a predetermined detector, and said the other image is recorded with a recording material incapable of being detected by the detector.

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5. (previously presented): The method according to Claim 4, wherein the recording material for recording the positional information image contains carbon black.

6. (currently amended): A recording system comprising:  
a recording apparatus for perform recording by applying a recording material onto a recording medium according to image data;  
a transmitter for transmitting the image data to the recording apparatus;  
preparation means for preparing image data corresponding to an image to be recorded;  
acquisition means for obtaining information on recording of a positional information image, according to record data for recording the positional information image, the positional information image representing positional information corresponding to positions on the recording medium; and  
correction means for correcting record data for recording said the other image according to the information obtained by the acquisition means,  
wherein the recording apparatus records the positional information image and said the other image corrected by the correction means, by applying a visible recording material on one recording medium.

7. (previously presented): The system according to Claim 6, wherein the correction means corrects the image data to reduce density.

8. (previously presented): The system according to Claim 6, wherein the information on recording of the positional information image is recording duty in a region where the positional information image is recorded.

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9. (previously presented): The system according to Claim 6, wherein the

positional information image is recorded with a recording material capable of being detected by a predetermined detector, said the other image is recorded with a recording material incapable of being detected by the detector, and the recording material for recording the positional information image contains carbon black.

10. (currently amended): A recording apparatus for forming an image on a recording medium, comprising:

recording means for performing recording by applying a visible recording material onto the recording medium, the recording means recording at least one of a positional information image representing positional information corresponding to the position where the positional information image is recorded and the other image;

a control means for controlling the recording such that the recording means records the positional information image with a recording material capable of being detected by a predetermined detector, and said the other image with another recording material incapable of being detected by the detector; and

correction means for correcting record data for recording said the other image, according to record data for recording the positional information image.